

Appendix 2
Owner Settling Defendants

ACCRATRONICS SEALS CORPORATION site:

William H. Fisch Trust, dated 10/29/93
Jones Family Trust, dated 5/14/93
2211-2121 Kenmere Avenue
Burbank, CA 91504

ADLER SCREW PRODUCTS, INC.

Lirhus Family Trust
3047 North California Street
Burbank, CA 91504

A-H PLATING, INC. site:

The Waschak Family Trust
John P. Waschak, trustee
Melba R. Waschak, trustee
1837 Victory Place
Burbank, CA 91504

ALIGN-RITE CORPORATION site:

Denise E. McLaughlan
Sharyn E. Schrick
Sandra E. Bowman Trust
Sandra E. Bowman, Trustee
2420, 2422, 2424, 2428 North Ontario Street
Burbank, CA 91504

AVICA, INC. site:

McEntee Family Partnership
3205 Burton Avenue
Burbank, CA 91504

B.J. GRINDING, INC. site:

Hoiseth Family Trust
Robert J. Hoiseth and Glenda I. Hoiseth, Trustees
2632 North Ontario Street
Burbank, CA 91504

JOSEPH F. BANGS DBA BANGS MANUFACTURING COMPANY site:

Bangs Trust
Joseph F. Bangs and Doris B. Bangs, Trustees
1601 West Burbank Boulevard
Burbank, CA 91506

Appendix 2
Owner Settling Defendants

MEL BERNIE AND CO., INC., DBA 1928 JEWELRY LTD. AND ACCESSORY
PLATING sites:

The Bernie Trust
Laurie S. Bernie, trustee
Melvyn J. Bernie, trustee
3000 Empire Avenue
Burbank, CA 91505

1928 Jewelry, Ltd.
2701, 2703, 2707, 2721, 3110, 3120 West Empire Avenue
2215 North Naomi Avenue
2216 North Catalina
2220 North Fairview Street
Burbank, CA 91505

CRANE CO./HYDRO-AIRE DIVISION site:

Crane Co.
3000 Winona Avenue
Burbank, CA 91504

DELTRON ENGINEERING, INC. site:

Filijan and Kuebler Properties
2800 North San Fernando Boulevard
Burbank, CA 91504

HYDRA-ELECTRIC COMPANY site:

Davis Industries, Inc.
3151 Kenwood Street
Burbank, CA 91505

JANCO CORPORATION site:

BKT Enterprises, Inc.
3111 Winona Avenue
Burbank, CA 91508

SARGENT INDUSTRIES, INC./KAHR BEARING DIVISION site:

Antonini Family Trust
3010 North San Fernando Boulevard
Burbank, CA 91504

Appendix 2
Owner Settling Defendants

SIERRACIN CORPORATION site:
Industrial Bowling Corporation
3020 Empire Boulevard
Burbank, CA

SPACE-LOK, INC. site:
Estate of Albina Brebbia
2526 North Ontario Street
Burbank, CA 91504

STAINLESS STEEL PRODUCTS, INC. site:
The Uhlmann Offices, a California corporation./
Sunhill Partners, a California partnership
2980 San Fernando Road
Burbank, CA 91504

STEVE'S PLATING CORPORATION site:
Walton R. Emmick Living Trust
Walton R. Emmick, Trustee
Spelman Family Trust
Clelta Spelman, Trustee
3101, 3111 and 3113 San Fernando Road
Burbank, CA 91504

SURFACE FINISHING, INC./GLENART ENAMELING CO., INC. site:
Homer R. Barr and Elaine S. Barr Family Trust
2501 North Ontario Street
Burbank, CA 91504

L.A. GAUGE CO., INC. site:
L.A. Gauge Company, Inc.
7440 San Fernando Road
Sun Valley, CA 91352-4398

TWISS HEAT TREATING CO., INC. site:
The William E. and Evelyn Twiss Family Trust
William E. Twiss, Trustee
Evelyn Twiss, Trustee
2503 North Ontario Street
Burbank, CA 91504

Appendix 2
Owner Settling Defendants

VALLEY ENAMELLING CORP. site:

Denise E. McLaughlan
Sharyn E. Schrick
Sandra E. Bowman Trust
Sandra E. Bowman, Trustee
2509 North Ontario Street
Burbank, CA 91504

WEBER AIRCRAFT, INC. site:

PH Burbank Holdings, Inc.
2801, 2820, 2913, 2917, 2923, 2925 2927, and 2929 North Ontario Street
3000 North San Fernando Road
3056 and 3068 North California Street
Burbank, CA 91504

Appendix 2
Settling Work Defendant and Lockheed Martin Corporation as
Owner Settling Defendants

CITY OF BURBANK site:

164 West Magnolia Boulevard
Burbank, CA 91504

LOCKHEED MARTIN CORPORATION site:

Plant A-1

2555 North Hollywood Way
Burbank, CA 91505

Building 32

3401 West Empire Avenue
Burbank, CA 91504

Building 76, 76A

2311 North Hollywood Way
Burbank, CA 91506

Building B-1

1706 North Victory Place
Burbank, CA 91504

Building 170

2500 West Empire Avenue
Burbank, CA 91504

Building 199

1085 West Victory Boulevard
Burbank, CA 91506

Plant B-6

2801 North Hollywood Way
Burbank, CA 91505

Building 360

7575 North San Fernando Road
Burbank, CA 91505 "

APPENDIX III

Appendix 3
Settling Defendants
excepted from Section XXII
(Covenants not to Sue by Plaintiffs),
Paragraphs A, B and C

ACCRATRONICS SEALS CORPORATION
WILLIAM H. FISCH TRUST, DATED OCTOBER 29, 1993
JONES FAMILY TRUST, DATED MAY 14, 1993

ADLER SCREW PRODUCTS, INC.
EIRIK LIRHUS
BERGLJOT LIRHUS
LIRHUS FAMILY TRUST

AVICA, INC.
(FORMERLY GENERAL CONNECTORS, INC.)
MCENTEE FAMILY PARTNERSHIP

B.J. GRINDING, INC.
ROBERT J. HOISETH AND GLENDA HOISETH
HOISETH FAMILY TRUST

JOSEPH F. BANGS DBA BANGS MANUFACTURING COMPANY
BANGS TRUST

LAURIE S. BERNIE AND MELVYN J. BERNIE, AS INDIVIDUALS AND AS
TRUSTEES OF THE BERNIE TRUST
MEL BERNIE & CO., INC.
DBA ACCESSORY PLATING AND 1928 JEWELRY LTD.
THE BERNIE TRUST

BURMAR METAL FINISHING CORP.
DBA BARRON ANODIZING AND PAINT

DELTRON ENGINEERING, INC.
FILIJAN AND KUEBLER PROPERTIES
MICHAEL FILIJAN
TONY KUEBLER

PACIFIC PARTNERSHIP

R&G SLOANE MANUFACTURING CO., INC.

Appendix 3
Settling Defendants
excepted from Section XXII
(Covenants not to Sue by Plaintiffs),
Paragraphs A, B and C

SPACE-LOK, INC.
THE ESTATE OF ALBINA BREBBIA
CHRISTINA COGAR INDIVIDUALLY AND
AS EXECUTRIX FOR THE ESTATE OF ALBINA BREBBIA

DIANE BARR
ELAINE S. BARR
THE HOMER R. BARR AND ELAINE S. BARR FAMILY TRUST

TWISS HEAT TREATING CO., INC. DBA TWISS HEAT TREATING CO.
THE WILLIAM E. AND EVELYN TWISS FAMILY TRUST
WILLIAM E. TWISS AND EVELYN TWISS
W AND E TWISS TRUST

VALLEY ENAMELLING CORP.
WALTON R. EMMICK
DENISE E. MCLAUGHLAN
SHARYN E. SCHRICK
SANDRA E. BOWMAN
CLELTA SPELMAN

APPENDIX IV

San Fernando Valley Superfund Site
Burbank Operable Unit

Second Explanation of Significant Differences
to the
Record of Decision

United States Environmental Protection Agency
Region IX - San Francisco, CA
February 12, 1997

SECOND
EXPLANATION OF SIGNIFICANT DIFFERENCES
DECLARATION

SITE NAME AND LOCATION

San Fernando Valley Area 1
Burbank Operable Unit
Los Angeles County, California

I. Statement of Basis and Purpose

This decision document presents the Second Explanation of Significant Differences (ESD2) to the interim remedial action selected by the Burbank Operable Unit (Burbank OU) Record of Decision (ROD) signed June 1989. The Burbank OU ROD was previously modified by an Explanation of Significant Differences dated November 1990 (ESD1). Additional changes to the remedy were made in a 1992 Consent Decree, which was approved by the Central District of California federal court. ESD2 has been developed in accordance with the Comprehensive Environmental Response, Compensation, and Liability Act (42 U.S.C. Section 9601 et. seq.) and the National Contingency Plan (40 C.F.R. Section 300 et. seq.).

II. Description of the Selected Remedy in the ROD and ESD1

The Burbank OU ROD selected the interim remedy for an area of groundwater contamination, located within the San Fernando Valley Area 1 Superfund Site, which encompasses wellfields which were operated by the City of Burbank prior to being shut down as a result of the contamination. The ROD selected extraction of contaminated groundwater, treatment by air or steam stripping, and use of the treated water as a public water supply by the City of Burbank. The interim remedy was estimated to cost \$69 million over 20 years (in 1989 dollars).

The ROD selected as the interim remedy the extraction and treatment of groundwater at a rate of 12,000 gallons per minute (gpm). This was considered to be the extraction rate necessary to hydraulically control, i.e. to prevent the spreading of, groundwater at concentrations of 100 parts per billion (ppb) of trichloroethylene (TCE) and 5 ppb of perchloroethylene (PCE). Extraction wells were to be placed in locations which would control plume migration while initiating aquifer restoration. The treatment technology specified was either air stripping or steam stripping, with off-gas control.

The ROD states that the treated water must meet all existing federal and state Maximum Contaminant Levels (MCLs) and State Action Levels (SALs). It also states that the water must meet all drinking water treatment technology requirements. The ROD states a preference for delivering the treated water to the City of Burbank's distribution system for use as a public water supply. Using the treated water in this manner was considered preferable to discharging the water to waste because it represents a beneficial use of the groundwater resource in a water-poor region.

III. Summary of ESD1

ESD1 clarified and superseded certain parts of the Burbank OU ROD, as follows.

Based on new information regarding the occurrence of nitrate in the groundwater (nitrate levels turned out to be higher than anticipated), it became clear that additional treatment measures would be required in order for the extracted and treated groundwater to be used as a public water supply. EPA decided to require blending of the extracted and treated Burbank OU groundwater with a water supply lower in nitrates, such that the MCL is achieved in water served to the public.

The nitrate blending requirement increased the total amount of water produced by the interim remedy. The total amount to be produced was high enough that the possibility was raised that the City of Burbank would not be able to accept the total quantity of water produced at the Burbank OU. Other local water purveyors were unwilling to commit to accept excess water produced by the Burbank OU treatment plant. Therefore, in order to ensure that the interim remedy would continue to extract contaminated groundwater at the intended capacity, EPA decided to require reinjection of any excess water.

EPA clarified that the interim remedy could be designed, constructed, and operated in phases. Phasing the project allows for initial completion of a portion of the total extraction wellfield and treatment plant capacity. Operation of this first phase of the project allows collection of data on aquifer response and treatment plant efficiency. This data helps the design engineer to optimize the design of the following project phases, and helps to optimize overall groundwater containment and treatment efficiency for the project.

EPA clarified statements in the ROD pertaining to containment of groundwater containing TCE at 100 ppb and PCE at 5 ppb. These levels are not treatment goals to be attained in groundwater, but